Q-271R2

SVE BULLETIN

SPECIAL VEHICLE ENGINEERING – BODY BUILDERS ADVISORY SERVICE

E-Mail via Website: www.FordBBAS.com (click "Contact Us")
Toll-free: (877) 840-4338

QVM BULLETIN: Q-271R2 DATE: 18MAR2021

DEF LINE DAMAGE / CRUSH PREVENTION DURING SUB MOUNTING

REVISION	UPDATE	REVISION DATE
Q-271R2	Added model years 2020, 2021 and 2022	18MAR2021
Q-271R1	Add 2018 and 2019 Model years	01NOV2018
Q-271	INITIAL RELEASE	01MAY2017

MODEL(S) AFFECTED:
2017 - 2022 MY F-350 / 450 / 550 Chassis Cabs

ISSUE / DESCRIPTION:
Some variations of F350/450/550 Chassis Cab vehicles have a DEF hose mounted to the underside of the frame rail. Care should be taken when using U-bolts to attach a Second Unit Body (SUB) to frame, as the DEF line can be crushed if the DEF line hose is trapped between the frame and the U-bolt or the U-bolt strap / clamp (see Figure 1).

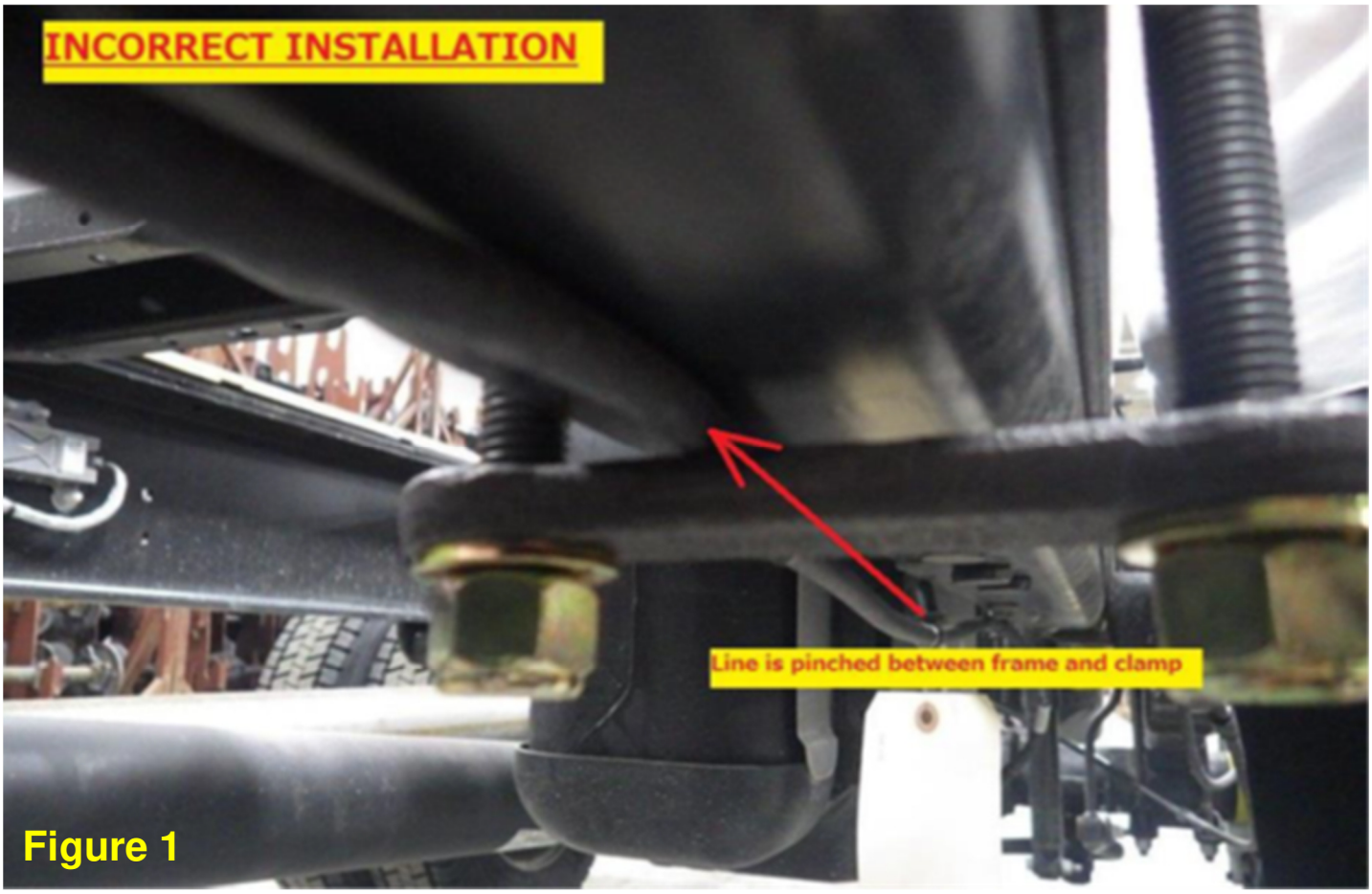
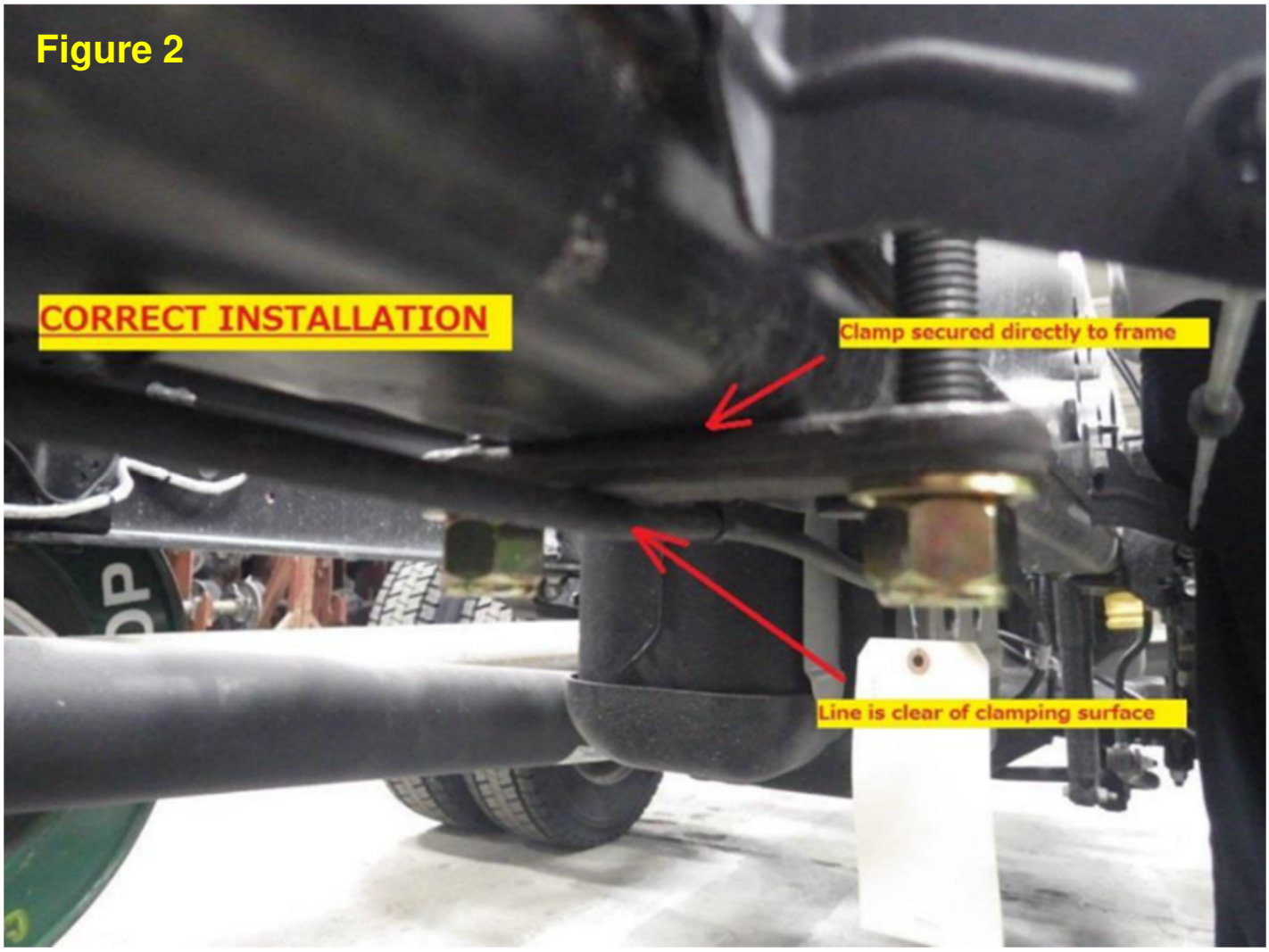


Figure 1



PREVENTATIVE ACTION

In order to prevent damage / crushing of the DEF line, body builders / installers should perform the following:
Prior to installing SUB U-bolt clamps around the frame rails, inspect the underside of the frame rails to verify DEF hose routing. If DEF hose is found on the underside of the rail, the hose may be adjusted so that the clamp may fit between the hose and frame rail (see Fig. 2)

If additional DEF line slack is required, the DEF line can be moved within the existing positioning clips by rotating the DEF line back and forth while gently pulling on the DEF line. This will provide the slack required for the insertion of the U-bolt strap between the frame rail and the DEF line.

The following build variations will have DEF hose routed along the bottom of frame rail:

- Chassis Cab with inboard DEF tank, 169” w/b
- Chassis Cab with inboard DEF tank, 192” w/b
- Chassis Cab with inboard DEF tank, 193” w/b
- Chassis Cab with inboard DEF tank, 203” w/b
- Chassis Cab with inboard DEF tank, 205” w/b

NOTE: Damage caused by inappropriately installed U-bolt clamp is not covered by the new vehicle warranty.

Refer to the Body Builder Layout Book for additional guidelines and recommendations. If you have any questions, please contact the Ford Body Builders Advisory Service as shown in the header of this bulletin.